

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004496

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/1335 G09F9/305 G02B6/06 G02F1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F G09F G02B G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/096117 A (GALLEN NIAL ANTHONY ; SCREEN TECHNOLOGY LTD (GB); BAYLEY PAUL ANDREW () 20 November 2003 (2003-11-20) page 15, line 20 - page 17, line 2; figures 16a,16b	1-7
A	----- US 4 139 261 A (HILSUM CYRIL) 13 February 1979 (1979-02-13) cited in the application the whole document -----	1-7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 December 2004

Date of mailing of the international search report

13.06.2005

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

Subject 1 relates to a display with a display device, pixels, and image guide, and to the mounting of the image guide to a frame comprising optically transmitting means including reflecting surfaces.

2. claims: 8-19

Subject 2 relates to a display with pixels and light transmitting element for displaying an image, and to a polarising layer disposed between the display device and the light transmitting element.

3. claims: 20-28

Subject 3 relates to a backlit display with backlight, modulator, and light redirecting means.

4. claims: 29-39

Subject 4 relates to a display with display panel, pixels, and image guide, and to a two part frame for fixing the image guide to the display panel.

5. claims: 40-45

Subject 5 relates to a display with a plurality of image guides which are connected to each other via a special frame structure allowing a relative movement of the image guides with respect to a base.

6. claims: 46-50

Subject 6 relates to a display with display device, pixels, and image guide, the image guide consisting of several light guides which are surrounded by an electrically conductive and light absorbing material.

7. claims: 51-54

Subject 7 relates to tiled display with a plurality of display panels and to display control means.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Subject 8 relates to a backlit display with display device and pixels, having a backlight with a special spectral characteristic.

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03096117	A	20-11-2003	AU	2003232317 A1		11-11-2003
			EP	1502151 A1		02-02-2005
			WO	03096117 A1		20-11-2003

US 4139261	A	13-02-1979	GB	1522520 A		23-08-1978
			CA	1090569 A1		02-12-1980
			DE	2703177 A1		04-08-1977
			FR	2339224 A1		19-08-1977
			JP	52093351 A		05-08-1977
			NL	7700796 A		28-07-1977

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